

22788- U.S. PTO  
011204

Atty. Dkt. No. 039153-0693 (H1718)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Xiang et al.  
Title: SHALLOW TRENCH  
ISOLATION PROCESS AND  
STRUCTURE WITH  
MINIMIZED STRAINED  
SILICON CONSUMPTION  
Appl. No.: Unknown  
Filing Date: 01/12/2004  
Examiner: Unknown  
Art Unit: Unknown

<b>CERTIFICATE OF EXPRESS MAILING</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service's "Express Mail Post Office 1 Addressee" service under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.	
EL 979077799 US	1/12/04
(Express Mail Label Number)	(Date of Deposit)
Carolyn Simpson (Printed Name)	
 (Signature)	

2264 U.S. PTO  
10755602  
011204

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Qi Xiang  
1119 Thames Drive  
San Jose , CA 95129

James N. Pan  
3 Mountain View Knolls Drive  
Apartment D  
Fishkill, NY 12524

Jung-Suk Goo  
100 Escondido Vill #D  
Stanford, CA 94305

Enclosed are:

- ☒ Specification, Claim(s), and Abstract (20 pages).
- ☒ Informal drawings (9 sheets, Figures 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14).
- ☒ Declaration and Power of Attorney (5 pages).
- ☒ Assignment of the invention to Advanced Micro Devices, Inc. (5 pages).
- ☒ Assignment Recordation Cover Sheet.
- ☒ Check in the amount of \$40.00 for Assignment recordation.
- ☒ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i) (1 page).
- ☒ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	20	-	20	=	0	x	\$18.00	=	\$0.00
Claims:									
Independents	3	-	3	=	0	x	\$86.00	=	\$0.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
							SUBTOTAL:	=	\$770.00
<input type="checkbox"/>							Small Entity Fees Apply (subtract ½ of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$770.00

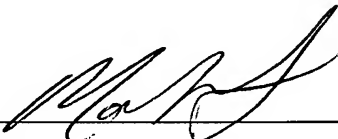
- ☒ A check in the amount of \$770.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated,

otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 1/12/2004

By 

FOLEY & LARDNER

Customer Number: 34083

Telephone: (414) 297-5564

Facsimile: (414) 297-4900

Marcus W. Sprow

Attorney for Applicant

Registration No. 48,580

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

**Xiang**

Title

SHALLOW TRENCH ISOLATION PROCESS AND STRUCTURE  
WITH MINIMIZED STRAINED SILICON CONSUMPTION

Attorney Docket Number

**039153-0693 (H1718)**

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/12/04  
Date

  
Signature

(414) 297-5564

Telephone number

Marcus W. Sprow

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Carolyn Simpson	
(Printed Name)	
	
(Signature)	

**STATEMENT**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Applicants note that on the Declaration and Power of Attorney, the Residence of the second inventor, James N. Pan, is incorrectly recorded as Santa Clara, CA. It should be Fishkill, NY, as shown in the Post Office Address. It is correctly shown on the Application Data Sheet.

Respectfully submitted,

Date 1/12/2004

By 

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